

Applicant : Emmanuel Mastorakis  
For : MEDICAL DEVICE AND LOCKING MECHANISM THEREFOR  
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A3  
10. A locking mechanism as claimed in claim 1 in which the connector part includes a bore into which at least part of the retainer part is insertable.

A4  
14. A locking mechanism as claimed in claim 1 in which the retainer part is adapted to retain a hypodermic needle, the retainer part including an elongate bore passing therethrough, the bore being engageable with a cylindrical outer surface of a needle.

Sub B7  
a5  
~~20. A locking mechanism as claimed in claim 17 in which each said leg includes a lug adapted for engagement with a recess formed in the body part, the movement of the connector part to engage the leg causing a reduction in the force of engagement between the lug and recess.~~

21. A locking mechanism as claimed in claim 17 in which the connector part includes a generally cylindrically bore, the bore being adapted to receive each said leg on engagement of the connector part therewith.

A6  
28. An assembly as claimed in claim 26 in which the needle retainer has a cylindrical body and has a bore formed therealong, the bore having an entrance thereto, the needle retainer being insertable into the neck portion to a position in which the entrance to the bore is located spaced at least partly along the neck portion from the open front end thereof to the shoulder.

an  
30. An assembly as claimed in claim 28 in which the needle retainer and neck portion are circularly cylindrical, and in which an outer diameter of the needle retainer is substantially equal to an inner diameter of the neck portion.

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*Sub B8  
A7*  
31. ~~An assembly as claimed in claim 26 in which the fluid container is formed with an annular internal recess at the axial point at which the neck portion meets the shoulder portion thereof, and in which the needle retainer includes at least one projection adapted to engage with the recess for retaining the needle retainer in position in the fluid container.~~

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*A8*  
33. An assembly as claimed in claim 26 in which a seal is provided on the needle retainer for sealing with the internal surface of the neck portion.

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35. An assembly as claimed in claim 26 in which the needle has a sharp front end, and a rear end, the rear end being adjacent a rear end of a cylindrical body of the needle retainer.

*A9*  
36. An assembly as claimed in claim 26 which includes means for forcing fluid out of the container and along the needle.

37. A medical device including a needle assembly as claimed in claim 16.

38. A medical device including a locking mechanism as claimed in claim 1.

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*A10*  
45. A medical device as claimed in claim 42 in which the syringe includes a barrel, a conical shoulder portion at a forward end of a main cylindrical part of the barrel and a neck portion in front of the shoulder portion, the said second formation of the locking mechanism being formed internally in the neck portion.

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*A11*  
47. A medical device as claimed in claim 38 in which the retainer part is removably mounted on the body part of the device.

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all 48. A medical device as claimed in claim 47 in which the retainer part is removably mounted on the body part of the device, and which includes a hub part for releasably sealably retaining the retainer part on the barrel of the syringe.

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all 56. A device as claimed in claim 53 in which the plunger has a stem with an X-shaped section and the barrel is formed with a groove allowing axial movement but preventing rotation of the plunger stem.

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✓  
Cancel claims 50-52.